

Listing and Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Original) Method of recording scrambled digital data comprising the steps consisting in:
 - (a) receiving a scrambled digital data stream;
 - (b) identifying in said data stream a control packet containing at least one key for descrambling at least a part of the data of the stream;
 - (c) storing said control packet in a table; and
 - (d) recording the data stream and the table on a data storage medium.
2. (Original) Method according to Claim 1 in which the data stream received in step (a) comprises a plurality of control packets containing at least one descrambling key, wherein the storage step (c) is carried out only if the control packet identified in step (b) is not already stored in said table.
3. (Original) Method according to Claim 1, wherein at step (c), an index indicating the position of the control packet in the data stream is moreover stored in the table.
4. (Original) Method according to Claim 3, wherein the index comprises a serial number of the control packet with respect to the first packet of the data stream recorded.
5. (Original) Method according to Claim 3, wherein the index comprises a time stamp associated with said control packet which defines its position in the data stream with respect to clock reference values transmitted in the data stream.
6. (Original) Data storage medium, containing:
 - a scrambled digital data stream comprising control packets each containing at least one key for descrambling a part of the digital data, the control packets being multiplexed with the data packets, and
 - a table, stored separately from the data stream and containing at least one control packet.

7. (Original) Data storage medium according to Claim 6, wherein said table also contains, for each control packet, an index indicating the position of the control packet in the data stream.

8. (Original) Data storage medium according to Claim 7, wherein the index comprises a serial number of the control packet with respect to the first packet of the data stream recorded.

9. (Original) Data storage medium according to Claim 7, wherein the index comprises a time stamp associated with said control packet which defines its position in the data stream with respect to clock reference values transmitted in the data stream.

10. (Currently amended) A Method for reading scrambled digital data recorded on a medium containing a scrambled digital data stream comprising control packets each containing at least one key for descrambling a part of the digital data, the control packets being multiplexed with the data packets, and a table, stored separately from the data stream and containing at least one control packet according to one of Claims 6 to 9, comprising the steps consisting in:

- (i) selecting a block of data from a stream of recorded data,
- (j) extracting from the table recorded with the data at least one control packet corresponding to this block of data;
- (k) extracting from the control packet a descrambling key; and
- (l) using said descrambling key to descramble the block of data and to supply its content in clear for presentation to a user.

11. (Original) Method according to Claim 10, wherein step (k) of extracting a descrambling key from the control packet comprises a step of decrypting said control packet or said descrambling key.

12. (Canceled).

13. (Canceled).